

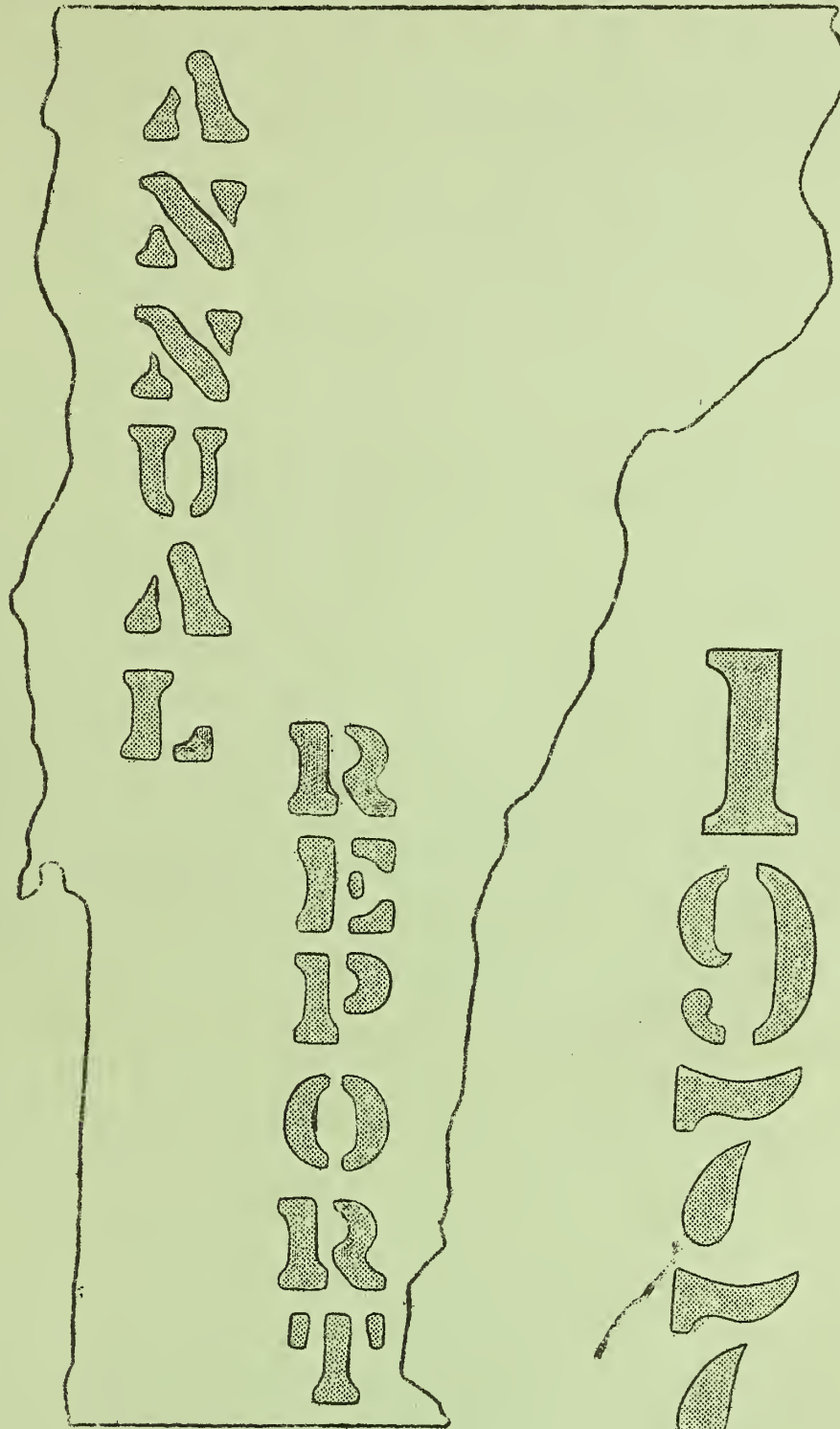
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UNITED STATES DEPARTMENT OF AGRICULTURE

VERMONT



Agricultural Stabilization and Conservation Service

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FOREWORD

The accomplishments of the Vermont State and County Agricultural Stabilization and Conservation Committees during 1977 are presented in this annual report.

The information relative to the various ASCS programs administered in Vermont provides a reference for readers and explains to the people we serve how USDA programs are handled by our organization.

We wish to pay tribute to the dedicated State, County and Community Committeemembers who make the operation of these programs so successful. We also wish to commend the work of our efficient ASCS County Executive Directors and their assistants.

We are proud of the fact that Vermont has been one of the leading states in ACP participation.

If any reader has any questions about our programs, please feel free to contact us.

Vermont State ASC Committee (For 1977)

Lloyd H. Patterson, Chairperson
Richard Moore, Member
Robert Howrigan, Member

State Office Staff

A. F. Peald, State Executive Director
G. T. Hart, District Director, Dist. 1
E. E. Gifford, Jr., District Director, Dist. 2
W. A. Wilson, Administrative Officer-Program Specialist
B. M. LaPointe, Operations Technician
J. L. Lovejoy, Secretary-Stenographer
L. B. Wilder, Clerk-Stenographer

ADMINISTRATION

The Vermont State ASC Committee is responsible for the administration of ASCS activities assigned to them by the Department of Agriculture.

These programs are administered in Vermont at all levels in the organization by ASC farmer committee members. Farmers in each community elect annually from their number a Community Committee of three to carry out the programs and do the field work in their community. Any person is eligible to vote in an ASC community election if he meets any of the following requirements:

- A Is of legal voting age and has an interest in a farm as owner, tenant or sharecropper.
- B Is not of legal voting age but supervises and conducts the farming operations on an entire farm.
- C Is eligible to participate in any ASCS program that is provided for by law regardless of the status of funding.

No person shall be denied the right to vote because of his race, color, religion or national origin.

The Community Committee Members also serve as delegates to attend a county convention at which a County Committee of three is elected. The County Agricultural Agent serves as ex officio member of the County Committee.

The County Committee administers the programs at the county level within the policies and guides set up by the State Committee. Each County Committee employs a full-time County Executive Director who is in charge of the day-to-day operation of the County ASCS Office.

The State Committee is appointed by the Secretary of Agriculture. It is responsible for the administration and operation of all applicable programs in the state. This committee determines the policies and makes recommendations to be carried out by a State Executive Director who is the administrative head of the State ASCS Office.

Supervision of our county offices is divided between two District Directors, George T. Hart, District 1 and Edson E. Gifford, Jr., District 2. Following is the District-County relationship:

District 1

Caledonia
Essex
Franklin
Grand Isle
Lamoille
Orleans
Washington

District 2

Addison
Bennington
Chittenden
Orange
Rutland
Windham
Windsor

County Committee Members and County Executive
Directors who served during Calendar Year 1977

<u>County</u>	<u>COC</u>	<u>CED</u>
Addison	Richard Estey Roger L. Quesnel Howard C. Foster	Edla S. Browne
Bennington	Charles B. Palmer Leon Edgerton Earle Hill	Robert E. Rudd
Caledonia	Roland Simpson Richard Lawrence Merwyn Pearl	Claire B. Voyer
Chittenden	John White John Whitcomb Thomas Pushey	Jeannine G. Thibault
Essex	Basil Hill Kenneth Hook S. Fox Hodgdon	Michael Purbank <u>1/</u> Jan Jamrog (Acting)
Franklin	John Shedd Lyle Purtubise Robert Howrigan <u>2/</u> Richard Brouillette	Avis B. Maynard
Grand Isle	Paul Quintin Frank Bullis John Roy	Janet O. Ladd (Acting)
Lamoille	John Maloney Andre Valcour Donald Bertrand	David Damour <u>3/</u> Virginia Calkins (Acting)
Orange	Robert J. Churchill Frank Brown David Stevens	Louise Rand
Orleans	Bruce Willson Richard Ingalls Cecil Gray	Carolín B. Rowland
Rutland	Burgess C. Book James B. Walker George Livak	Charles R. Mason

1/ Through 3-26-77

2/ Through 5-12-77

3/ On LWOP as of 12-31-77

<u>County</u>	<u>COC</u>	<u>CED</u>
Washington	Max L. Gray Herbert Cane Maurice Spaulding	Anne L. Moeykens
Windham	George E. Ranney Emery C. Evans R. E. Hamilton	Lynette Hamilton
Windsor	Roger W. Eastman Frederick Ladd George Dodge	Cecelia I. Grover

1977 AGRICULTURAL CONSERVATION PROGRAM (ACP)

Administration

The 1977 ACP (Agricultural Conservation Program) was announced by Congress with Vermont's allocation of \$1,023,000.

The national objective of the program is to cost share with public funds the performance of enduring soil and water conservation measures on farmland that the farmer would not perform without cost sharing, thus assuring that the public tax dollar is buying needed conservation beyond that which the farmer would accomplish with his own resources.

Vermont's program objective in addition to the national objective is to reduce the loss and waste of soil, water, woodland and wildlife resources through the establishment of enduring conservation practices and environmental protection. To provide for the increased demand for food and fiber by promoting highest potential production through the application of sound conservation practices and consider wildlife, open space, and outdoor recreational activities in approving and installing practices, are also our objectives.

Long Term Agreements

Long Term Agreements (LTA's) were first offered in 1974. The major portion of funding the contracts was from the 1975 ACP allocation. The period of the agreement was for not less than 3 program years and not more than 10 program years. The LTA is based on a conservation plan of operation for each farm which has been approved by the NRCD (Natural Resource Conservation District) serving that particular county in which the farm is located.

We initially had 33 agreements in 1974, currently only about 26 remain. The other seven have completed their practices.

LTA's as of December 31, 1977

<u>COUNTY</u>	<u>ALLOCATION</u>	<u>OBLIGATED PRACTICES</u>	<u>COST SHARES PAID</u>
Addison	58,005	50,334	20,610
Caledonia	5,735	5,735	5,735
Chittenden	12,535	12,446	6,226
Franklin	7,438	3,099	3,099
Lamoille	3,705	3,705	3,705
Orange	9,777	9,777	4,858
Orleans	12,535	8,260	5,592
Washington	16,189	7,165	7,100
Windham	1,391	164	164
TOTAL	127,310	100,685	57,089

Forestry Incentives Program (FIP)

This program was authorized by Congress in 1973 to share the cost of tree planting and timber stand improvement with private landowners. Cost-share rates in Vermont are 75% of the cost. The intent of the program is to get more timber produced on suitable sites.

1977 FIP

This program was made available to the field in October, 1976. The status of the program as of 9/30/77 was as follows:

<u>County</u>	<u>Allocation</u>	<u>Cost-Shares Approved</u>	<u>Amount Earned</u>
Addison	6,500	6,464	957
Bennington	10,007	3,133	478
Caledonia	36,707	46,156	18,685
Chittenden	39,999	35,260	2,565
Essex	7,385	6,910	1,803
Franklin	5,846	1,348	700
Grand Isle	2,500	---	---
Lamoille	30,535	16,830	8,199
Orange	43,645	43,579	12,153
Orleans	23,421	19,815	4,095
Rutland	13,573	6,452	2,683
Washington	17,216	9,694	1,380
Windham	36,596	33,483	6,457
Windsor	34,490	20,908	6,961
TOTALS	308,420	250,032	67,116

Technical Service Agreements (1977 ACP)

All counties entered into agreements with the Soil Conservation Service for the purpose of obtaining technical assistance with practices for which they have technical responsibility. No agreements were entered into with the Vermont Forest Service since 1% of the funds authorized are transferred at the Washington level. The amounts transferred to SCS under agreements through December 31, 1977 are listed below:

<u>County</u>	<u>SCS-5% 1977</u>
Addison	\$ 7,800
Bennington	1,200
Caledonia	4,104
Chittenden	4,098
Essex	865
Franklin	7,320
Grand Isle	1,322
Lamoille	1,992
Orange	4,165
Orleans	3,847
Rutland	4,140
Washington	2,295
Windham	1,958
Windsor	<u>2,889</u>
Total	\$47,995

EMERGENCY ACTIVITIES

1 Emergency Feed Program

The Food and Agricultural Act of 1977 authorized the Secretary of Agriculture to implement an Emergency Feed Program. The Secretary has developed such a program and has authorized State and County Committees to make the program available to any livestock owner who has suffered a substantial loss of production because of a "natural disaster."

The program was initiated in Vermont on October 1, 1977 with 13 of our 14 counties participating.

Livestock owners must show a loss of feed production, due to natural disasters, of 40 percent or more during the current crop year.

If an applicant is found eligible he will receive two cents a pound for feed grain or its equivalent purchased above normal requirements -- up to 50% of the cost of the purchased feed.

EMERGENCY FEED PROGRAM REPORT as of December 31, 1977*

County	Appl. Rec.	Appl. Approved	Appl. Dis- Approved	Pounds Grain Approved	Appl. Paid	Assistance Paid
Addison	332	319	4	73,690,410-1/	206	379,106.00
Bennington	0	0	0	0	0	00
Caledonia	49	23	5	0	0	00
Chittenden	116	87	16	15,646,022	0	00
Essex	15	1	3	56,000	1	1,006.50
Franklin	261	133	88	13,125,490	39	33,948.66
Grand Isle	37	18	6	2,301,702	4	3,284.33
Lamoille	20	5	2	189,180	0	00
Orange	74	28	4	2,428,503	0	00
Orleans	199	102	97	12,431,256	0	00
Rutland	93	62	21	6,986,033	20	12,273.66
Washington	41	0	3	0	0	00
Windham	0	0	0	0	0	00
Windsor	21	6	1	285,740	0	00
TOTALS	1,258	784	250	127,140,336	270	429,619.15

*Program effective 10-1-77. It is estimated that assistance will be in excess of one million dollars.

1/ - For the month of September 3,998,139 pounds were approved for Addison County under the Emergency Feed Program administered by ASCS-FDAA.

2 Emergency Conservation Measures

Due to drought conditions in the summer of 1977 ECM programs were initiated in Chittenden and Franklin Counties with \$15,000 committed to cost share ECM practices in those areas.

ECM

Progress Report As of 12-30-77

<u>County</u>	<u>Enrolled</u>	<u>Estimated Amount Requested</u>	<u>Amount Approved To Date</u>	<u>No. Sent To SCS</u>	<u>No. Returned From SCS</u>	<u>Total Payments Made</u>
Addison	55	55,500	29,739	55	55	29,739
Bennington	25	18,452	18,452	13	13	17,946
Caledonia	---	-----	-----	---	---	-----
Chittenden	65	89,000	49,000	56	56	41,570
Essex	---	-----	-----	---	---	-----
Franklin	210	134,000	115,230	196	191	93,479
Grand Isle	---	-----	-----	---	---	-----
Lamoille	11	5,500	5,418	13	13	5,362
Orange	5	7,522	7,522	4	4	6,718
Orleans	11	8,993	3,362	10	10	2,969
Rutland	104	74,000	53,564	206	206	43,775
Washington	30	53,588	29,241	24	24	29,151
Windham	7	5,000	3,876	5	5	2,426
Windsor	<u>57</u>	<u>64,224</u>	<u>41,358</u>	<u>63</u>	<u>63</u>	<u>34,689</u>
TOTALS	580	515,779	356,762	645	640	307,824

3 Drought and Flood Conservation Program (DFCP)

The "DFCP" was made available in 1977 in Addison and Rutland Counties. They were eligible because of their designation by the Secretary of Agriculture as "Drought Impact Counties."

The program offers 80% cost sharing on reseeding fields killed out due to drought and 80% cost sharing on developing water facilities to better distribute grazing.

Farmers had until September 30, 1977 to enroll in the program. About 108 farmers have enrolled in the program in Vermont and have been approved for \$103,026 in cost sharing.

USDA EMERGENCY BOARD

The State Executive Director is Chairperson of the State USDA Emergency Board, and the County Executive Directors are Chairpersons of County Emergency Boards. ASCS State and County offices act as support offices for emergency activities of the department.

In addition to acting as chairpersons and support offices of the Boards, ASCS has the responsibility of assisting in food production and distribution through the wholesale level in case of national emergency. Much planning has gone into this work in order that we may be prepared in any emergency. We are working closely with State and local Civil Defense officials in these activities. Community Committee members can help by assisting in local Civil Defense activities.

WATER BANK PROGRAM

This program is designed to encourage preservation of wetlands and the providing of needed habitat for nesting and breeding places for migratory waterfowl. It provides for a small rental payment each year to eligible farmers for setting aside "wetlands" on their farms for waterfowl use. The contracts run for ten years from date of original contract.

Water Bank Program

<u>Year</u>	<u>County</u>	<u>No. of Agreements</u>	<u>Total Acres</u>	<u>Wetland Acres</u>	<u>Adjacent Acres</u>	<u>Annual Payments</u>
1972	Addison	23	1,705	511	1,194	\$10,828
1974	Addison	20	1,350	457	893	12,452
1975	Addison	12	498	204	295	3,792
	Chittenden	42	2,399	971	1,428	13,832
1976	Addison	17	849	346	503	6,779
	Chittenden	<u>18</u>	<u>950</u>	<u>442</u>	<u>508</u>	<u>5,270</u>
	Total	132	7,751	2,931	4,821	52,953

No new contracts were authorized in Vermont after 1976.

1977 FEED GRAIN PROGRAM

The Agriculture and Consumer Protection Act of 1973 is applicable to the 1974-77 feed grain crop years. The Act specifies the feed grains to be corn, grain sorghum and, if designated by the Secretary of Agriculture, barley. The 1973 Act established a "target price", approach for the 1974-77 feed grain crops, with deficiency payments and made provisions for payments if producers are prevented from planting any portion of the farm acreage allotment because of disaster condition or if there is crop loss because of disaster conditions. The program is voluntary. It is the County Committee's responsibility to review these allotments. Following is a summary showing feed grain allotments and disaster payments paid to producers during 1977.

The Food and Agriculture Act of 1977 was retroactive to include the 1977 crop year. This is based on national program acreages (NPA) for feed grain determined by the Secretary under provisions of the 1977 Act.

1977 FEED GRAIN PROGRAM

<u>County</u>	<u>1/21/77 Feed Grain Allotment</u>	<u>Late Fall Of 1977 Normal Crop Acreage</u>	<u>1/ Farms Participating In Disaster Program</u>	<u>1/ Low Yield Average Payment Per Farm</u>	<u>1/ Low Yield Total Payment</u>
Addison	4,715	29,774	105	\$2,012	\$207,227
Bennington	1,330	3,088			
Caledonia	764	4,804	1	639	639
Chittenden	3,695	8,901	38	910	34,580
Essex	74	1,364	2	555	1,109
Franklin	3,278	16,599	36	1,475	53,104
Grand Isle	1,593	4,387	49	2,084	102,129
Lamoille	786	3,073	2	726	1,451
Orange	1,310	6,160	36	880	30,791
Orleans	877	8,721	1	355	355
Rutland	2,830	8,178	37	951	35,202
Washington	965	3,171	23	1,236	28,426
Windham	1,477	3,661	1	1,928	1,928
Windsor	<u>1,198</u>	<u>3,328</u>	<u>9</u>	<u>546</u>	<u>4,912</u>
State Reserve	11				
Total State Allotment	24,903	105,209	340	\$1,476	\$501,853

1/ Based on Computer Printout Report

PRICE SUPPORT PROGRAMS

In the field of price support, the Vermont State ASC Committee has concerned itself with keeping up to date on the overall activities of the various price support programs that would affect the state's agriculture, such as those for dairy products, honey, wheat, feed grains and the purchase and loan programs. Information on these programs has been passed along to the county offices and farmers have been kept informed.

WHEAT PROGRAM

The Agriculture and Consumer Protection Act of 1973 is applicable to the 1974-77 wheat crop years. The 1973 Act initiated a "target price" approach for the 1974-77 wheat crops with deficiency payments as required, and made provision for payments if producers are prevented from planting any portion of the farm acreage allotment because of disaster conditions, or if there is crop loss because of disaster conditions.

The national 1977 wheat allotment is 62.2 million acres. This allotment represents the number of harvested acres of wheat, based on the estimated national yield, to produce the quantity of wheat (less imports) that will be utilized domestically and for export during the 1976-77 marketing year. This program is voluntary.

In Vermont there are 18 farms with wheat allotments - six in Addison county, six in Chittenden county and six in Grand Isle county. Six wheat farms received disaster payments in 1977.

WOOL PROGRAM

We administer the National Wool Incentive Program which was originally authorized by Congress in 1954. The purpose of this program is to assure an adequate supply of domestically grown wool in this country.

A summary of the 1976 wool program for Vermont shows that 16 applications for shorn wool were received from sheep producers. Applications for payment on 25,894 pounds of shorn wool resulted in payments of \$1,278. Payments of \$67.00 were made on 38,405 pounds of unshorn lambs. The payment rate is set each year and is dependent upon the average price received by all wool producers in the United States who apply for payment. The rate of payment is applied to each producer's net proceeds received for wool. This results in the producer's attempting to get the best possible price for his product.

The national support rate for 1976 was 72¢ a pound.

The program has been continued by Congress through 1977.

Vermont Summary of Wool Program
1976 Marketing Year

County	SHORN WOOL					UNSHORN LAMBS		
	No. Appl. Payt.	Lbs. Wool Sold	Net Proceeds To Farmer	Ave. Price Per Lb.	Govt. Payment	No. Appl. Payt.	Wt. Lambs Sold	Govt. Payment
Addison	5	1,278	\$ 789	\$.61	\$ 57	2	3,510	\$ 6.14
Bennington	8	2,403	1,529	.63	111	2	5,200	9.09
Caledonia	9	3,694	2,534	.68	188	2	2,559	4.48
Chittenden	6	1,749	1,088	.62	78	---	-----	-----
Essex	2	427	300	.70	22	---	-----	-----
Franklin	4	431	279	.64	20	1	211	.37
Grand Isle	1	797	470	.58	33	1	4,855	8.50
Lamoille	2	862	531	.61	38	2	2,680	4.68
Orange	25	4,226	3,231	.76	246	7	10,609	18.56
Orleans	5	1,159	859	.74	65	2	4,274	7.48
Rutland	12	1,844	1,137	.61	82	5	2,638	4.61
Washington	9	1,942	1,488	.76	114	2	1,087	1.90
Windham	10	2,753	1,732	.62	125	1	385	.67
Windsor	18	2,329	1,378	.59	99	1	397	.69
Total	116	25,894	\$17,345	\$.66	\$1,278	28	38,405	\$67.17

The 1976 marketing year incentive rate - 9.6% of net proceeds on shorn wool and 25¢ per cwt. liveweight on unshorn lambs.

Wool Payments Made in Vermont
1955 - 1976

Year	National Average Price	SHORN WOOL			UNSHORN LAMBS		
		Lbs.	Rate of Payment	Payment	Lbs.	Rate of Payment (CWT.)	Payment
1955	42.8¢	49,000	42.8%	\$10,171	142,000	77¢	\$1,194
1956	44.3¢	56,148	40.0%	9,974	192,377	71¢	1,101
1957	53.7¢	55,716	15.5%	4,550	151,286	33¢	499
1958	36.4¢	49,712	70.3%	13,494	162,082	\$1.02	1,647
1959	43.3¢	67,057	43.2%	13,204	145,051	75¢	1,154
1960	42.0¢	52,579	47.6%	12,855	147,619	80¢	1,180
1961	42.9¢	52,174	44.5%	13,582	108,801	76¢	809
1962	47.7¢	44,393	30.0%	7,342	96,607	57¢	507
1963	48.5¢	45,292	27.8%	6,465	68,785	54¢	396
1964	53.2¢	44,464	16.5%	4,200	86,654	35¢	303
1965	47.1¢	45,884	31.6%	7,465	76,560	60¢	419
1966	52.1¢	40,797	24.8%	6,204	93,402	52¢	426
1967	39.8¢	34,632	65.8%	10,579	66,223	\$1.05	695
1968	40.5¢	39,995	65.4%	11,143	81,643	\$1.06	864
1969	41.8¢	29,016	65.1%	6,804	59,801	\$1.09	651
1970	35.5¢	31,993	102.8%	14,210	68,583	\$1.46	1,000
1971	19.4¢	31,723	271.1%	28,686	94,665	\$2.10	1,877
1972	35.0¢	33,136	105.7%	13,175	72,478	\$1.48	1,073
1973	82.7¢	-----	-----	None	-----	-----	-----
1974	59.1¢	23,665	21.8%	3,213	20,120	52¢	104
1975	44.7¢	23,856	61.1%	6,475	29,128	\$1.09	317
1976	65.7¢	25,894	9.6%	1,278	38,405	25¢	67

BEEKEEPERS INDEMNITY PROGRAM

The program was originally authorized by the Agricultural Act of 1970 and was extended through September 1981 by the Food & Agricultural Act of 1977.

A beekeeper suffering a loss of bees through no fault of his own as a result of the use of pesticides near or adjacent to where his beehives are located may file a claim with the county office.

Committee members should inform beekeepers to file promptly following each loss. For current losses, the owner will have to have a signed Apiary Inspection Report and pesticide certification completed by an authorized inspector.

To date, we have had 25 claims paid with payments amounting to \$11,378. 20 of these applications were from Addison, 2 from Bennington, 1 from Rutland, 1 from Washington, and 1 from Windham County.

INFORMATIONAL ACTIVITIES

The memorandum of understanding with the Vermont Extension Service to edit and arrange for final release to state and county newspapers information concerning ASCS programs in Vermont was continued. This method is very satisfactory. The Vermont Extension Service and Information Staff is always cooperative in this respect.

Radio tapes were made during the year using Extension Service facilities and these were released to radio stations throughout Vermont. In addition, several radio programs were arranged for at the county level and were participated in by State office personnel and local ASCS people.

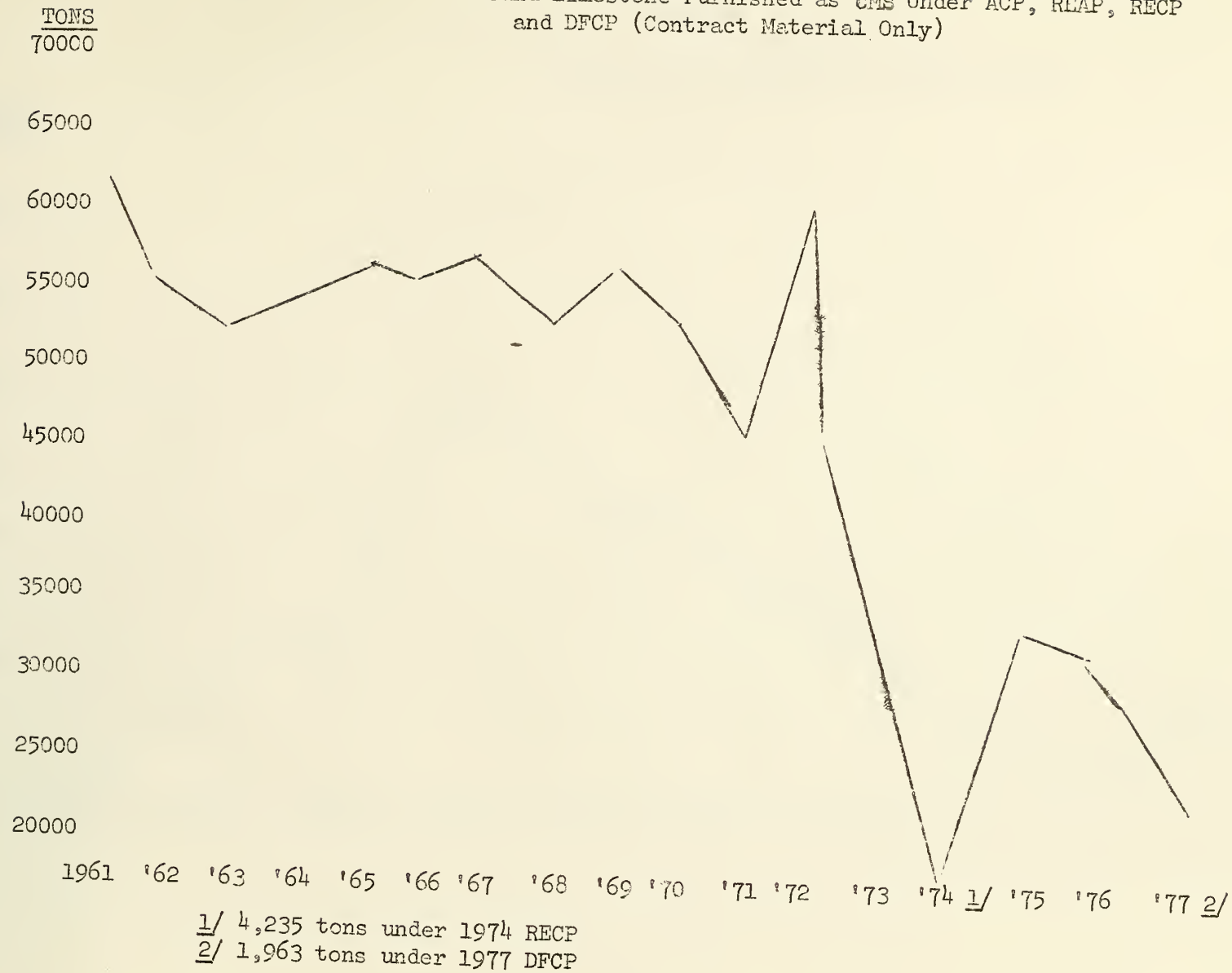
The State monthly newsletter (green sheet) distributed to County and Community Committee Members and cooperating agencies was continued in 1977. These letters are a method of pointing out the highlights of ASCS programs in Vermont. During 1977 the State office published 11 newsletters and the county offices 114.

At the beginning of programs, and on other occasions as needed, suggested county news releases were provided to county offices. These were adapted locally and released for publication through the County Extension Office. In addition, timely ASCS news and announcements were disseminated locally through the County Agent, either in his radio program, newsletter, or column in the newspaper.

Washington continued to supply Vermont radio stations with weekly tapes. These tapes deal with ASCS current developments relative to agriculture in this part of the United States. The 3 to 5 minute narrations do a good job in helping to keep our agricultural community informed.

VERMONT

Ground Limestone Furnished as CMS Under ACP, REAP, RECP
and DFCP (Contract Material Only)



VERMONT

Planting Trees Under ACP, REAP, and RECP



VERMONT

Improving Woodlands Under ACP, REAP, and RECP



VERMONT

Open Drainage Ditches Under ACP and REAP

CU. YDS.
200000

175000

150000

125000

100000

75000

50000

0

29-year total - 3,857,343 cu. yds.
This practice was not offered in 1974.

'51 '53 '55 '57 '59 '61 '62 '63 '64 '65 '66 '67 '68 '69 '70 '71 '72 '73 '75 '76 '77

260,000 Lineal Feet

VERMONT
Tile Drains Under ACP and REAP



State of Vermont

*ACP, REAP, and RECP Enrollment by Counties for Specified Years

<u>County</u>	<u>1936</u>	<u>1946</u>	<u>1954</u>	<u>1958</u>	<u>1965</u>	<u>1966</u>	<u>1967</u>	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1973</u>	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
Addison	439	1025	628	869	725	697	715	717	660	562	431	136	400	349	395
Bennington	149	451	288	285	273	259	227	228	194	157	95	54	72	88	95
Caledonia	570	1105	669	753	625	597	535	574	553	526	333	101	428	472	395
Chittenden	406	852	625	669	533	499	448	453	390	405	256	160	225	267	200
Essex	177	241	163	167	131	123	122	123	127	108	65	40	65	63	58
Franklin	525	1464	1034	1167	942	922	905	842	777	719	342	172	401	398	365
Grand Isle	127	257	177	180	160	140	131	136	128	138	110	24	95	90	64
Lamoille	320	630	425	465	486	502	482	475	365	335	135	93	150	162	182
Orange	533	1017	625	780	683	640	583	530	522	493	266	133	340	390	377
Orleans	734	1304	977	1007	871	807	802	770	624	745	253	105	349	398	357
Rutland	580	1039	705	760	623	617	600	570	495	449	219	103	225	365	262
Washington	465	947	614	626	552	553	537	524	504	305	175	97	128	190	114
Windham	342	615	423	446	335	310	308	270	259	248	114	96	112	200	225
Windsor	335	1083	762	689	554	519	515	470	459	383	217	87	199	259	252
Total	5702	12030	8115	8863	7493	7185	6910	6682	6057	5573	3016	1401	3189	3691	3341

*Enrollment total each year varies from actual participation because some farmers who sign up do not carry out practices. 1974 figures include the Forestry Incentive Program.

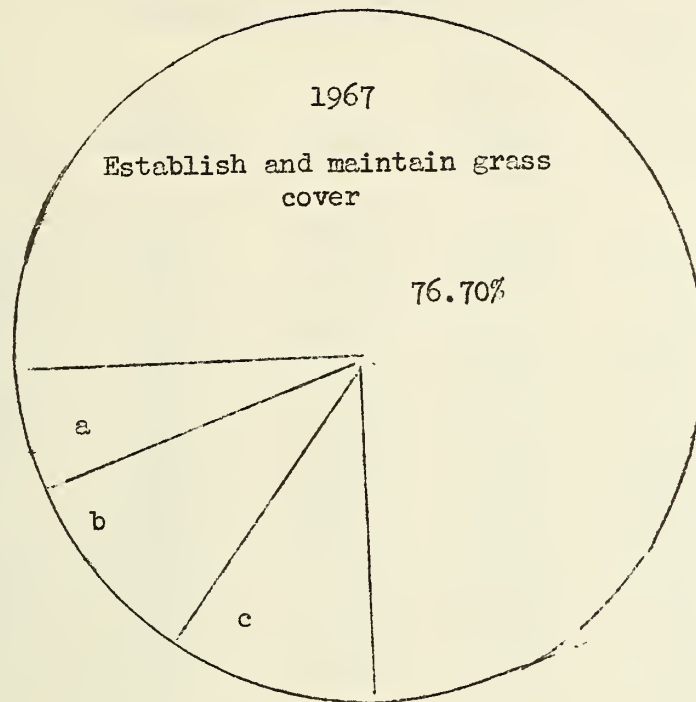
State of Vermont

ACP, REAP, and RECP Participation by Counties for Specified Years

<u>County</u>	<u>1950</u>	<u>1960</u>	<u>1962</u>	<u>1964</u>	<u>1966</u>	<u>1968</u>	<u>1970</u>	<u>1972</u>	<u>1973</u>	<u>1974*</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>
Addison	822	736	667	588	557	557	500	522	335	93	327	279	258
Bennington	404	235	234	215	206	157	151	116	86	36	61	70	69
Caledonia	737	621	568	512	439	376	363	352	283	87	308	377	287
Chittenden	727	518	471	442	383	348	275	266	184	58	225	213	163
Essex	208	111	113	100	98	95	80	97	52	29	67	50	50
Franklin	1102	929	799	767	688	675	600	535	290	105	363	318	319
Grand Isle	176	143	114	131	105	107	93	106	100	14	90	72	45
Lamoille	509	405	382	373	394	267	235	235	121	63	122	129	88
Orange	806	575	564	580	520	393	395	400	237	119	270	312	306
Orleans	1124	795	640	601	534	539	520	641	235	82	400	318	265
Rutland	751	622	580	511	474	424	389	343	156	85	172	292	189
Washington	751	549	495	442	452	395	324	283	149	66	114	152	120
Windham	611	356	298	276	247	216	179	177	94	78	120	160	125
Windsor	943	579	536	489	423	390	379	301	188	48	157	207	166
Total	9671	7174	6461	6027	5520	4939	4483	4374	2510	963	2796	2949	2450

* Includes Forestry Incentives Program

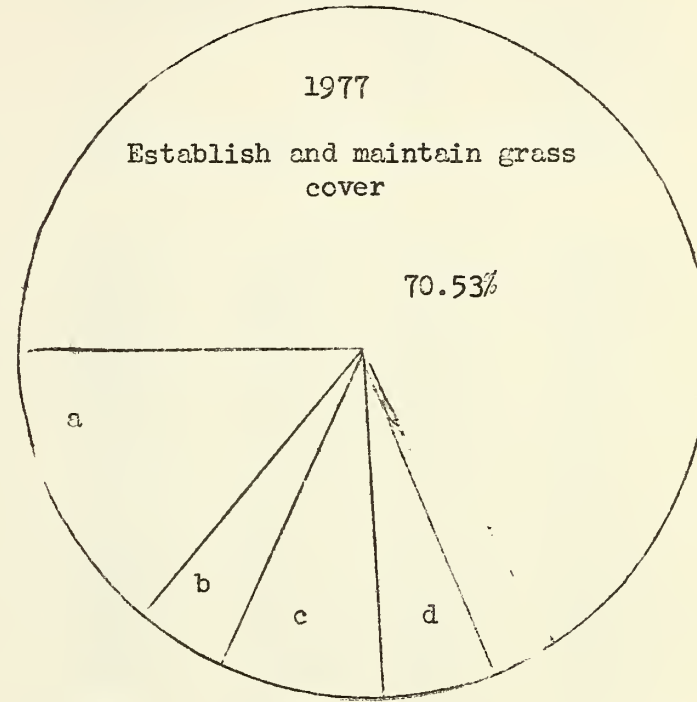
PERCENTAGE DISTRIBUTION OF ASSISTANCE FOR PRACTICES AND SERVICES CARRIED OUT
(Comparing 1967 ACP Program Year with 1977 ACP Program Year)



- a. Drainage - 4.92%
b. Forestry - 9.22%
c. All Other - 9.16%

Stripcropping
Farm Ponds
Livestock Facilities
Mulching
Interim Cover or Green Manure
Streambank and Channel Protection

Wildlife Ponds
Wildlife Land Mgt.
Beautification
Soil Sampling
5% and 1% Agree-
ments



- a. Drainage - 15.34%
b. Forestry - 3.07%
c. All Other - 6.99%

Stripcropping
Farm Ponds
Livestock Water Facilities
Mulching
Interim Cover or Green Manure
Streambank and Channel Protection
Wildlife Land Mgt.

- d. Animal Waste
Storage -
Facilities - 4.07%

1977 ACP PRACTICE ASSISTANCE BY COUNTIES

<u>County</u>	RE-1 <u>Establishing Permanent Vegetative Cover</u>				RE-2 <u>Improving Permanent Vegetative Cover</u>			
	<u>Cost</u> <u>Shares</u>	<u>Acres</u>	<u>Ave.</u> <u>Cost</u> <u>Per</u> <u>Acre</u>	<u>% of</u> <u>Total</u> <u>County</u> <u>Assist.</u>	<u>Cost</u> <u>Shares</u>	<u>Acres</u>	<u>Ave.</u> <u>Cost</u> <u>Per</u> <u>Acre</u>	<u>% of</u> <u>Total</u> <u>County</u> <u>Assist.</u>
Addison	14827	808	18.35	12.59	17277	838	20.62	14.67
Bennington	8124	299	27.17	40.80	1764	143	12.34	8.86
Caledonia	43	4	10.75	.05	60619	3189	19.01	67.84
Chittenden	13529	1017	13.30	21.93	16127	1464	11.02	26.14
Essex	5957	155	38.43	28.94	7325	451	16.24	35.59
Franklin	276	15	18.40	.20	49205	3533	13.93	35.76
Grand Isle	5130	346	14.83	28.02	715	74	9.66	3.91
Lamoille	8618	524	16.45	26.06	13923	882	15.79	42.10
Orange	18853	10942	1.72	30.20				
Orleans	35821	1948	18.39	28.26	71823	4222	17.01	56.66
Rutland	9752	425	22.95	15.03	13256	710	18.67	20.43
Washington	17212	782	22.01	30.95	22328	1691	13.20	40.15
Windham	2902	128	22.67	9.00	4293	209	20.54	13.31
Windsor	552	67	8.24	.97	4486	536	8.37	7.90
Total	141596	17460	8.11	15.79	283141	17942	15.78	31.57

1977 ACP PRACTICE ASSISTANCE BY COUNTIES

<u>County</u>	RE-3 <u>Planting Trees</u>				RE-4 <u>Improving a Stand of Forest Trees (TSI)</u>			
	<u>Cost</u> <u>Shares</u>	<u>Acres</u>	<u>Ave.</u> <u>Cost</u> <u>Per</u> <u>Acre</u>	<u>% of</u> <u>Total</u> <u>County</u> <u>Assist.</u>	<u>Cost</u> <u>Shares</u>	<u>Acres</u>	<u>Ave.</u> <u>Cost</u> <u>Per</u> <u>Acre</u>	<u>% of</u> <u>Total</u> <u>County</u> <u>Assist.</u>
Addison	300	6	50.00	.25	1004	109	9.21	.85
Bennington	----	-	-----	---	842	72	11.69	4.23
Caledonia	640	7	91.43	.72	1439	54	26.65	1.61
Chittenden	154	2	77.00	.25	6062	269	22.54	9.82
Essex	-----	-	-----	---	2445	70	34.93	11.88
Franklin	-----	-	-----	---	2445	141	17.34	1.78
Grand Isle	50	1	50.00	.27	-----	-----	-----	-----
Lamoille	-----	-	-----	---	1379	53	26.02	4.17
Orange	633	10	63.30	1.01	1703	130	13.10	2.73
Orleans	30	1	30.00	.02	3239	228	14.21	2.56
Rutland	-----	-	-----	---	1135	31	36.61	1.75
Washington	-----	-	-----	---	349	15	23.27	.63
Windham	-----	-	-----	---	400	16	25.00	1.24
Windsor	32	1	32.00	.06	3218	146	22.04	5.67
Total	1839	28	65.68	.21	25660	1334	19.24	2.86

1977 ACP Practice Assistance by Counties

County	RE-5 Water Impoundment Reservoir				RE-6 Stripcropping			
	Cost Shares	No. Constr.	Av. Cost Per Pond	% Of Total County Assist.	Cost Shares	Acres	Av. Cost Per Acre	% Of Total County Assist.
Addison	863	2	431.50	.77	922	75	12.29	.78
Bennington	-----	-----	-----	-----	-----	-----	-----	-----
Caledonia	-----	-----	-----	-----	-----	-----	-----	-----
Chittenden	-----	-----	-----	-----	-----	-----	-----	-----
Essex	-----	-----	-----	-----	-----	-----	-----	-----
Franklin	498	1	498.00	.36	-----	-----	-----	-----
Grand Isle	700	1	700.00	3.82	-----	-----	-----	-----
Lamoille	1000	1	1000.00	3.02	-----	-----	-----	-----
Orange	-----	-----	-----	-----	-----	-----	-----	-----
Orleans	-----	-----	-----	-----	-----	-----	-----	-----
Rutland	1193	1	1193.00	1.84	-----	-----	-----	-----
Washington	1250	1	1250.00	2.25	-----	-----	-----	-----
Windham	-----	-----	-----	-----	-----	-----	-----	-----
Windsor	-----	-----	-----	-----	-----	-----	-----	-----
TOTALS	5504	7	786.29	.62	922	75	12.29	.10

1977 ACP Practice Assistance by Counties

County	RE-8 Diversions				RE-9 Streambank Stabilization			
	Cost Shares	Acres Served	Av. Cost Per Acre	% Of Total County Assist.	Cost Shares	Acres Served	Av. Cost Per Acre	% Of Total County Assist.
Addison	3256	92	35.39	2.77	11564	111	104.18	9.82
Bennington	758	11	68.91	3.81	5488	72	76.22	27.56
Caledonia	10111	195	51.85	11.32	-----	-----	-----	-----
Chittenden	174	18	9.67	.28	1600	23	69.57	2.59
Essex	-----	-----	-----	-----	-----	-----	-----	-----
Franklin	-----	-----	-----	-----	7500	46	163.04	5.45
Grand Isle	-----	-----	-----	-----	-----	-----	-----	-----
Lamoille	750	8	93.75	2.27	500	6	83.33	1.51
Orange	287	4	71.75	.46	2010	50	40.20	3.22
Orleans	15408	335	45.99	12.16	-----	-----	-----	-----
Rutland	-----	-----	-----	-----	5727	44	130.16	8.83
Washington	445	14	31.79	.80	4640	41	113.17	8.34
Windham	344	5	68.80	1.07	-----	-----	-----	-----
Windsor	499	10	49.90	.88	9961	59	168.83	17.54
TOTALS	32032	692	46.29	3.57	48990	452	108.38	5.46

1977 ACP Practice Assistance by Counties

RE-10 Permanent Wildlife Habitat					RE-12 Sediment, Chemical or Water Runoff Control Measures			
County	Cost Shares	Acres Served	Av. Cost Per Acre	% OF Total County Assist.	Cost Shares	Acres Served	Av. Cost Per Acre	% OF Total County Assist.
Addison					1629	38	42.87	1.38
Bennington	48	12	4.00	.24				
Caledonia	825	57	14.47	.92				
Chittenden					567	40	14.18	.92
Essex								
Franklin	123	5	24.60	.09				
Grand Isle								
Lamoille	627	63	9.95	1.90				
Orange								
Orleans								
Rutland	50	5	10.00	.08				
Washington								
Windham					150	6	25.00	.47
Windsor								
TOTALS	1673	142	11.78	.19	2346	84	27.93	.26

1977 ACP Practice Assistance by Counties

County	SA-4 Application of Lime			
	Cost Shares	Acres	Av. Cost Per Acre	% Of Total County Assist.
Addison	54850	4231	12.96	46.59
Bennington	2359	192	12.29	11.85
Caledonia	13677	860	15.90	15.31
Chittenden	14573	2065	7.06	23.62
Essex	2754	206	13.37	13.38
Franklin	8801	881	9.99	6.40
Grand Isle	432	84	5.14	2.36
Lamoille	524	58	9.03	1.58
Orange	31574	1925	16.40	50.58
Orleans				
Rutland	20242	1030	19.65	31.19
Washington	1392	116	12.00	2.50
Windham	19169	1065	18.00	59.45
Windsor	37477	2097	17.87	65.99
TOTALS	207824	14810	14.03	23.17

SB-5 Livestock Water Facilities			
Cost Shares	Acres Served	Av. Cost Per Ac. Served	% Of Total County Assist.
807	21	38.43	.90
276	47	5.87	.20
569	50	11.38	1.72
294	20	14.70	.22
1946	138	14.10	.22

1977 ACP Practice Assistance by Counties

SC-9 Permanent Open Drainage Systems					SC-10 Underground Drainage Systems			
County	Cost Shares	Acres Served	Av. Cost Per Acre	% Of Total County Assist.	Cost Shares	Acres Served	Av. Cost Per Acre	% Of Total County Assist.
Addison	7148	154	46.42	6.07	1727	21	82.24	1.47
Bennington	-----	-----	-----	-----	451	9	50.11	2.27
Caledonia	-----	-----	-----	-----	-----	-----	-----	-----
Chittenden	945	141	6.70	1.53	2916	91	32.04	4.73
Essex	-----	-----	-----	-----	-----	-----	-----	-----
Franklin	3220	85	37.88	2.34	45847	662	69.26	33.32
Grand Isle	862	63	13.68	4.71	10416	129	80.74	56.90
Lamoille	1967	67	29.36	5.95	3215	44	73.09	9.72
Orange	527	15	35.13	.84	4975	95	52.37	7.97
Orleans	243	2	121.50	.19	-----	-----	-----	-----
Rutland	1065	23	46.30	1.64	7628	93	82.02	11.76
Washington	1357	42	32.31	2.44	6015	127	47.36	10.82
Windham	420	3	140.00	1.30	130	4	32.50	.40
Windsor	121	4	30.25	.21	152	2	76.00	.27
TOTAL	17875	599	29.84	1.99	83473	1277	65.37	9.31

1977 ACP Practice Assistance by Counties

<u>SC-11 - Land Shaping and Grading</u>					<u>SD-1 - Interim Cover</u>			
<u>County</u>	<u>Cost Shares</u>	<u>Acres</u>	<u>Av. Cost Per Acre</u>	<u>% Of Total County Assist.</u>	<u>Cost Shares</u>	<u>Acres</u>	<u>Av. Cost Per Acre</u>	<u>% Of Total County Assist.</u>
Addison	-----	-----	-----	-----	-----	-----	-----	-----
Bennington	-----	-----	-----	-----	-----	-----	-----	-----
Caledonia	200	8	25.00	.22	-----	-----	-----	-----
Chittenden	55	5	11.00	.09	-----	-----	-----	-----
Essex	500	20	25.00	2.43	-----	-----	-----	-----
Franklin	-----	-----	-----	-----	-----	-----	-----	-----
Grand Isle	-----	-----	-----	-----	-----	-----	-----	-----
Lamoille	-----	-----	-----	-----	-----	-----	-----	-----
Orange	358	2	179.00	.57	-----	-----	-----	-----
Orleans	187	20	9.35	.15	-----	-----	-----	-----
Rutland	500	5	100.00	.77	-----	-----	-----	-----
Washington	624	6	104.00	1.12	-----	-----	-----	-----
Windham	1805	8	225.63	5.60	1280	128	10.00	3.97
Windsor	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL	4229	74	57.15	.47	1280	128	10.00	.14

1977 ACP Practice Assistance by Counties

County	SE-4 Mulching				S-1 Animal Waste Storage and Diversion Facilities			
	Cost Shares	Acres	Av. Cost Per Acre	% Of Total County Assist.	Cost Shares	Number	Average Cost Per Facility	% Of Total County Assist.
Addison	-----	-----	-----	-----	2,366	4	591.50	2.01
Bennington	-----	-----	-----	-----	80	1	80.00	.40
Caledonia	-----	-----	-----	-----	1,000	1	1,000.00	1.12
Chittenden	-----	-----	-----	-----	5,000	3	1,666.67	8.10
Essex	-----	-----	-----	-----	1,600	1	1,600.00	7.77
Franklin	-----	-----	-----	-----	19,409	9	2,156.56	14.11
Grand Isle	-----	-----	-----	-----	-----	-----	-----	-----
Lamoille	-----	-----	-----	-----	-----	-----	-----	-----
Orange	-----	-----	-----	-----	1,500	1	1,500.00	2.40
Orleans	-----	-----	-----	-----	-----	-----	-----	-----
Rutland	-----	-----	-----	-----	4,341	2	2,170.50	6.69
Washington	-----	-----	-----	-----	-----	-----	-----	-----
Windham	100	10	10.00	.31	1,251	2	625.50	3.88
Windsor	-----	-----	-----	-----	-----	-----	-----	-----
TOTAL	100	10	10.00	.01	36,547	24	1,522.79	4.07

Vermont State ASCS Office
August 1978

Total carryout of various 1977 ACP practices follows:

<u>PRACTICE</u>	<u>COST SHARES</u>
RE-1 Establishing Permanent Vegetative Cover	141,598
RE-2 Improving Permanent Vegetative Cover	283,141
RE-3 Planting Trees	1,839
RE-4 Improving A Stand of Forest Trees	25,657
RE-5 Water Impoundment Reservoirs	5,504
RE-6 Strip-Cropping	922
RE-8 Diversions	32,032
RE-9 Streambank Stabilization	48,990
RE-10 Permanent Wildlife Habitat	1,673
RE-12 Sediment, Chemical or Water Runoff Control Measures	2,345
SA-4 Application of Lime	207,824
SB-5 Livestock Water Facilities	1,947
SC-9 Permanent Open Drainage Systems	17,875
SC-10 Underground Drainage Systems	83,474
SC-11 Land Shaping or Grading	4,229
SD-1 Interim Cover	1,280
SE-4 Mulching	100
S-1 Animal Waste Storage and Diversion Facilities	36,547
SCS Transfer	47,995
1977-78 Estimated Concurrent Transfers	<u>78,028</u>
TOTAL	1,023,000

